
GMOD Matrix Test Status

February 17, 2016

All the GMOD precision matrix oil tests have been completed and reported. A few tests still need to have MRV results reported. One test still needs to be approved for operational validity from Lab D.

All reported data can be retrieved at: <https://dexostrc.org/Reference/LiveReference/QueryTestData>

The field COM2 will identify the test as a precision matrix test with a value of "MATRIX".

Test Length is 100 hours, ~ 5 days/test

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GMOD Matrix Test Status

	Lab-Stand	IAR Stand 1 G-1	IAR Stand 2 G-2	SWRI Stand 1 A-1	SWRI Stand 2 A-2	Afton D-1	ExxonMobil F-1	Lubrizol B-1
Run Order	1	GMOD01-1✓ 112909-GMOD	434-2✓ 108822-GMOD	GMOD02-1✓ 112925-GMOD	434-2✓ 107864-GMOD	GMOD02-1✓ 112934-GMOD	434-2✓ 112941-GMOD	GMOD02-1✓ 112939-GMOD
	2	434-2 ✓ 112905-GMOD	GMOD02-1 112913-GMOD Aborted Oil Loss	GMOD01-1 112921-GMOD ✓	GMOD02-1 112926-GMOD ✓	434-2 112929-GMOD ✓	GMOD01-1 112943-GMOD ✓	GMOD01-1 112937-GMOD Erratic timing
			GMOD01-1 ✓ 112914-GMOD					GMOD01-1 112938-GMOD Exhaust Leak
	3	GMOD02-1 112916-GMOD 2 nd Ring Land Damage GMOD01-1* 112911-GMOD✓	GMOD01-1 112910-GMOD ✓	434-2 112917-GMOD ✓	GMOD01-1 112922-GMOD ✓	GMOD01-1 112931-GMOD ✓	GMOD02-1 112945-GMOD	434-2✓ 112935-GMOD
	4	GMOD02-1*✓ 112915-GMOD	GMOD01-1✓ 112912-GMOD	434-2✓ 108827-GMOD	GMOD02-1 112927-GMOD Coolant Leak	GMOD01-1✓ 112932-GMOD	434-2✓ 112942-GMOD	GMOD01-1✓ 114382-GMOD
	5	434-2✓ 112907-GMOD	GMOD02-1✓ 114272-GMOD	GMOD02-1✓ 112928-GMOD	434-2✓ 112918-GMOD			
GMOD02-1 ✓ 114384-GMOD						GMOD02-1✓ 114579-GMOD		
6	GMOD02-1 114273-GMOD Oil Pump Failure GMOD02-1✓ 114384-GMOD	434-2 112906-GMOD Downtime 434-2✓ 112971-GMOD	GMOD01-1✓ 112923-GMOD	GMOD01-1 112924-GMOD Oil Temp. Control	434-2 112930-GMOD	GMOD02-1✓ 112946-GMOD	GMOD02-1✓ 112940-GMOD	
				GMOD01-1✓ 114386-GMOD				

✓ Indicates GM and TMC has reviewed operational data and found the test to be operationally valid.

* Run Order Changed

Test Reported

Invalid



Oil	TestKey	Lab	Stand	EOT Vis Increase (%)	WPD (merits)	Phos. Retention (%)	MRV	Comment
434-2	108822-GMOD	G	2	56.7	7.04	74.37	25700	
	107864-GMOD	A	2	95.1	6.70	71.03	46300	
	112941-GMOD	F	1	73.1	7.35	75.19	32500	
	112905-GMOD	G	1	89.5	6.96	75.13	43400	
	112929-GMOD	D	1	84.8	7.42	75.12	34700	
	112917-GMOD	A	1	148.9	6.88	73.26	88100	
	108827-GMOD	A	1	82.9	7.43	68.85	34700	
	112907-GMOD	G	1	82.2	6.76	75.15	39800	
	112942-GMOD	F	1	40.1	7.54	74.53	25200	
	112935-GMOD	B	1	105.7	5.97	74.13	115000	
	112971-GMOD	G	2	64.0	7.46	75.60	30200	
	112918-GMOD	A	2	72.8	6.36	74.16	35000	
	112936-GMOD	B	1	116.4	6.80	73.02	N/A	
	112930-GMOD	D	1	114.3	7.27	N/A	N/A	
GMOD01-1	112909-GMOD	G	1	78.5	5.98	81.82	22800	
	112921-GMOD	A	1	76.8	6.84	79.94	19500	
	112943-GMOD	F	1	76.8	6.74	81.56	24800	
	112922-GMOD	A	2	67.6	7.07	78.24	17600	
	112910-GMOD	G	2	58.1	6.95	83.35	16400	
	112937-GMOD	B	1	87.4	6.78	84.7	NM	Invalid-Erratic Timing
	112912-GMOD	G	2	65.8	5.76	85.61	17900	
	112938-GMOD	B	1	73.5	6.30	79.31	N/A	Exhaust leak
	112911-GMOD	G	1	76.8	6.38	84.10	22700	
	112931-GMOD	D	1	79.8	7.22	81.48	20400	
	112932-GMOD	D	1	95.2	7.11	82.19	25700	
	114025-GMOD	B	1	67.0	6.76	85.44	45500	
	112923-GMOD	A	1	102.0	6.07	77.60	28500	
	114382-GMOD	B	1	91.0	7.22	76.38	NM	
112944-GMOD	F	1	54.8	6.64	87.05	19100		
114386-GMOD	A	2	77.7	6.23	81.22	13800		
GMOD02-1	112925-GMOD	A	1	73.8	5.79	77.08	14400	
	112934-GMOD	D	1	52.9	7.04	83.08	13600	
	112939-GMOD	B	1	55.8	6.19	79.75	NM	
	112926-GMOD	A	2	45.4	6.61	80.18	50200	
	112914-GMOD	G	2	58.2	5.62	82.98	43700	
	112916-GMOD	G	1	79.1	6.32	83.18	59200	Invalid- 2 nd Ring Land Damage
	112945-GMOD	F	1	33.4	6.25	84.83	32500	
	112915-GMOD	G	1	74.3	5.76	85.31	64800	
	114272-GMOD	G	2	38.8	5.60	84.20	39900	
	112928-GMOD	A	1	62.2	5.89	79.67	N/A	
	114387-GMOD	A	2	43.8	6.63	80.01	16200	
	114384-GMOD	G	1	67.1	6.40	82.64	54000	
	114579-GMOD	D	1	65.0	6.80	82.17	17200	
	112940-GMOD	B	1	174.6	5.22	89.85	N/A	
112946-GMOD	F	1	42.6	6.80	88.13	N/A		

If there are any questions please let me know.

Best regards,
Frank

Frank Farber

<ftp://ftp.dexostrc.org/reference/docs/GMOD/MatrixStatusReports/20160217GMODMatrixTestStatus.pdf>